

| Ref # | Hits   | Search Query                                                                                                                                                                                                                                         | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------|---------|------------------|
| S1    | 17     | ((("4011172") or ("4561994") or ("4800036") or ("4839157") or ("4891216") or ("4986990") or ("4999025") or ("5089162") or ("5185096") or ("5185161") or ("5348682") or ("5593458") or ("5731276") or ("5855922") or ("0036064") or ("6083422"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/22 19:09 |
| S2    | 341    | (433/224).CCLS.                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:24 |
| S3    | 288    | S2 and root                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:24 |
| S4    | 33     | S3 and viscous                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:49 |
| S5    | 1352   | carboxypolymethylene                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:49 |
| S6    | 170    | S5 same gelling adj agent                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:50 |
| S7    | 66     | S6 and dental                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:50 |
| S8    | 2      | S7 and root adj2 canal                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:52 |
| S9    | 743220 | sodium hypochlorite same water and dental                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:53 |
| S10   | 252478 | S9 and gel                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:57 |
| S11   | 12943  | S10 and root                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:57 |
| S12   | 2269   | S11 and viscous                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 14:57 |
| S13   | 93     | gel and root adj2 canal and viscosity                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 15:03 |
| S15   | 6      | S13 and sodium adj hypochlorite                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/12/21 15:27 |

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| S16 | 2513  | (424/405,407).CCLS.                                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:32 |
| S17 | 38    | root adj3 canal and disinfect                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:37 |
| S18 | 4     | S17 and adhere                                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:38 |
| S19 | 18    | S17 and sodium                                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:40 |
| S22 | 15    | viscous with sodium adj2<br>hypochlorite                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:47 |
| S23 | 20    | aerosil and endodontic                                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:47 |
| S24 | 2     | S23 and sodium adj hypochlorite                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:49 |
| S25 | 10321 | carbopol                                                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:49 |
| S26 | 936   | carbopol and dental                                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:49 |
| S27 | 6     | carbopol and endodontic                                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:49 |
| S28 | 3     | carbopol and endodontic and<br>sodium adj hypochlorite              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 15:49 |
| S29 | 189   | access same root adj canal                                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 16:08 |
| S30 | 1     | S29 and disinfecting adj<br>composition                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 16:33 |
| S31 | 22    | disinfect same root adj canal                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 17:44 |
| S32 | 9     | S31 and sodium adj hypochlorite                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/21 17:45 |
| S33 | 2     | root adj canal and pH with viscosity<br>and sodium adj hypochlorite | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/22 18:43 |

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| S34 | 23   | root adj canal and pH and sodium adj hypochlorite                                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/22 18:44 |
| S35 | 1    | root adj canal and (pH with "11") and sodium adj hypochlorite                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/22 18:44 |
| S36 | 10   | root adj canal and (pH with "10") and sodium adj hypochlorite                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/22 18:47 |
| S37 | 13   | root adj canal and pH and disinfect                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/22 18:47 |
| S38 | 3179 | sodium adj hypochlorite same ph                                                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/22 19:09 |
| S39 | 14   | S38 and root adj canal                                                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/23 11:23 |
| S40 | 5    | root adj canal and viscosity and disinfectant and pH                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/23 11:24 |
| S41 | 1    | ("20020098159").PN.                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/18 13:53 |
| S42 | 19   | (disinfect or disinfectant) and (sodium adj hypochlorite) and water and (fumed adj silica) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/18 13:54 |
| S43 | 1    | 10/050664                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/08/09 11:50 |
| S44 | 169  | (root with canal) and file                                                                 | EPO; JPO;<br>DERWENT         | OR | OFF | 2005/08/09 12:44 |
| S45 | 4    | (root with canal) and file and (composition or disinfectant)                               | EPO; JPO;<br>DERWENT         | OR | OFF | 2005/08/09 12:55 |
| S46 | 168  | (433/81).CCLS.                                                                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/08/09 15:56 |
| S47 | 39   | S46 and (file)                                                                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/08/09 14:00 |
| S48 | 372  | (433/102).CCLS.                                                                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/08/09 14:00 |
| S49 | 194  | S48 and file                                                                               | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/08/09 14:00 |
| S50 | 6    | S49 and disinfect                                                                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/08/09 14:00 |

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| S51 | 200 | stability same (sodium adj hypochlorite) same ph                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2005/08/09 15:56 |
| S52 | 31  | (US-20020009693-\$ or US-20020037492-\$ or US-20020058232-\$ or US-20020123024-\$ or US-20020177100-\$ or US-20020192627-\$ or US-20030124482-\$ or US-20030194682-\$ or US-20030207231-\$ or US-20040101809-\$ or US-20040214135-\$ or US-20030156980-\$).did. or (US-4288355-\$ or US-5797745-\$ or US-5855922-\$ or US-6017515-\$ or US-6079979-\$ or US-6139320-\$ or US-6217335-\$ or US-6309221-\$ or US-6343929-\$ or US-6379155-\$ or US-6390819-\$ or US-6413499-\$ or US-6500004-\$ or US-6572374-\$ or US-6638064-\$ or US-6811400-\$ or US-6294511-\$ or US-5731276-\$). did. or (DE-2932738-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2005/08/09 17:28 |
| S53 | 0   | S52 and (fume)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2005/08/09 17:28 |
| S54 | 7   | S52 and (fumed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2005/08/09 17:29 |
| S55 | 77  | (fumed adj (silica silicon) and carboxypolymethylene)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2005/08/09 17:30 |
| S56 | 18  | (fumed adj (silica silicon) with carboxypolymethylene)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2005/08/09 17:30 |